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List



First



Prev



Next



Last

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**JP2672388B2** ☐ **19971105** [FullText](#)**Application Number:** JP 8768790 A**Application (Filing) Date:** 19900402**Priority Data:** JP 8768790 19900402 A X;**IPC (International Class):** A61K031785; A61K00970; A61K031725; A61K03173; A61K03178**JP3287538A** ☒ **19911218** [FullText](#)**Title:** (ENG) MEDICINE AND MATERIAL FOR PROMOTING REGENERATION OF PERIODONTAL TISSUE**Abstract:** (ENG)

**PURPOSE:** To obtain a medicine containing a high polymer electrolyte complex formed from cationic high polymer substance and anionic high polymer substance as an active ingredient and used to regenerate broken pericemental membrane and promote adhesion between normal radix dentis and connective tissue.

**CONSTITUTION:** An aqueous solution of cationic high polymer substance, e.g. an aqueous solution of poly (vinylbenzyltrimethylammonium chloride) or chitosan and an aqueous solution of anionic high polymer substance, aqueous solution of preferably polysaccharides, especially living body derived N acetyl D glucosamine polymer are prepared into a solution of normally 0.00001-0.01 IU mol/l; expressed in terms of ion group and these ingredients are mixed to provide the high polymer electrolyte complex solution. The charge balance of the resultant electrolyte can be changed by properly changing a mixture ratio of both. The electrolyte is used as an external medicine, film formed by casting and medical material applied to a substrate such as teflon or silicone.

**Application Number:** JP 8768790 A**Application (Filing) Date:** 19900402**Priority Data:** JP 8768790 19900402 A X;**Inventor(s):** MATSUDA NAOKI ; ABE KOJI ; TAKEMURA AKANE ; MATSUURA MASAHIRO ; WATANABE SHIGEYUKI ; KINO MIWAKO**Assignee/Applicant/Grantee:** SUNSTAR INC**IPC (International Class):** A61K03178; A61K00970; A61K031725; A61K03173; A61K031785; C08B03708**Other Abstracts for Family Members:** CHEMABS116(16)158987A; DERABS C92-044325**Other Abstracts for This Document:** CAN116(16)158987A; DERC92-044325**Patents Citing This One (5):**

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- WO9844950A1      19981015    KURARAY CO JP; HIDEAKI YAMADA JP  
   THERAPEUTIC MATERIAL FOR PERIODONTOSIS



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List



First



Prev



Next



Last

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